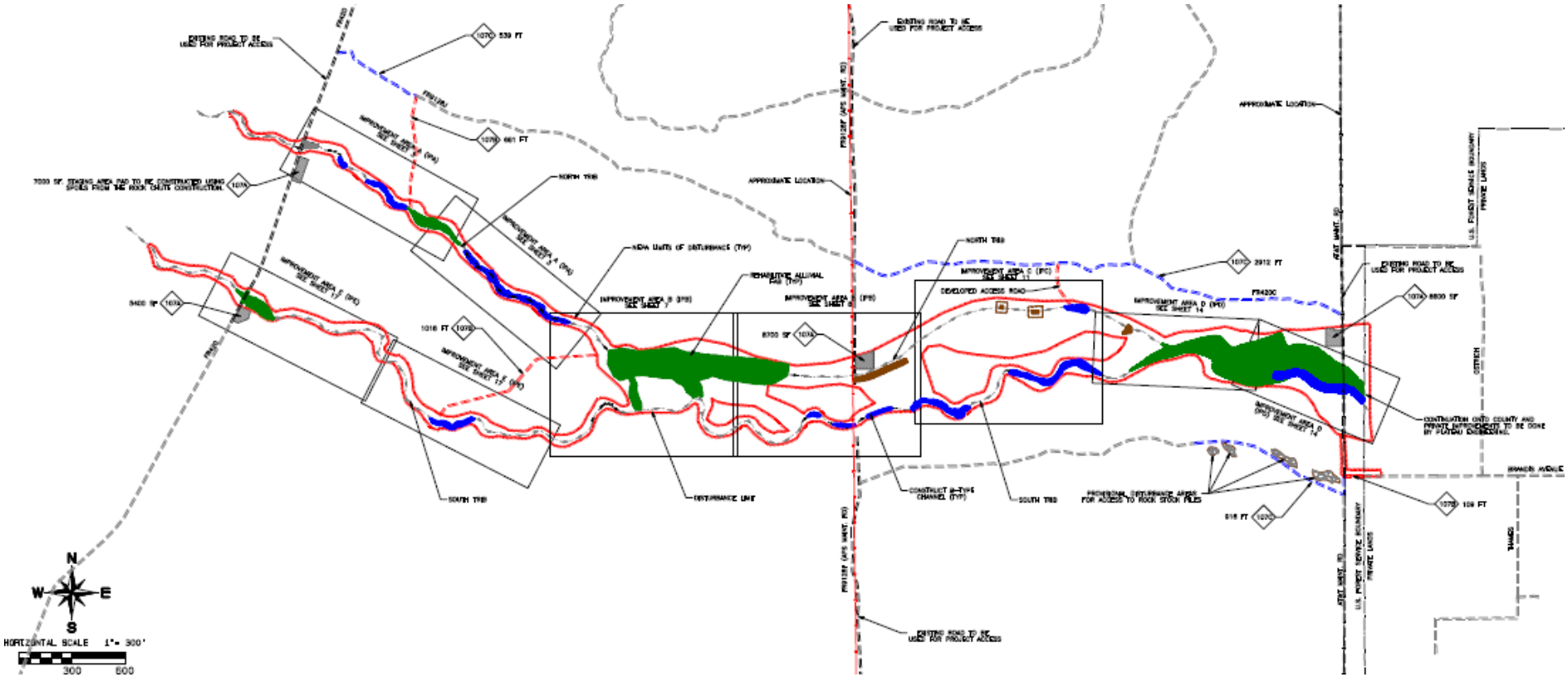
COCONINO COUNTY ARIZONA

Brandis–Thames Corridor

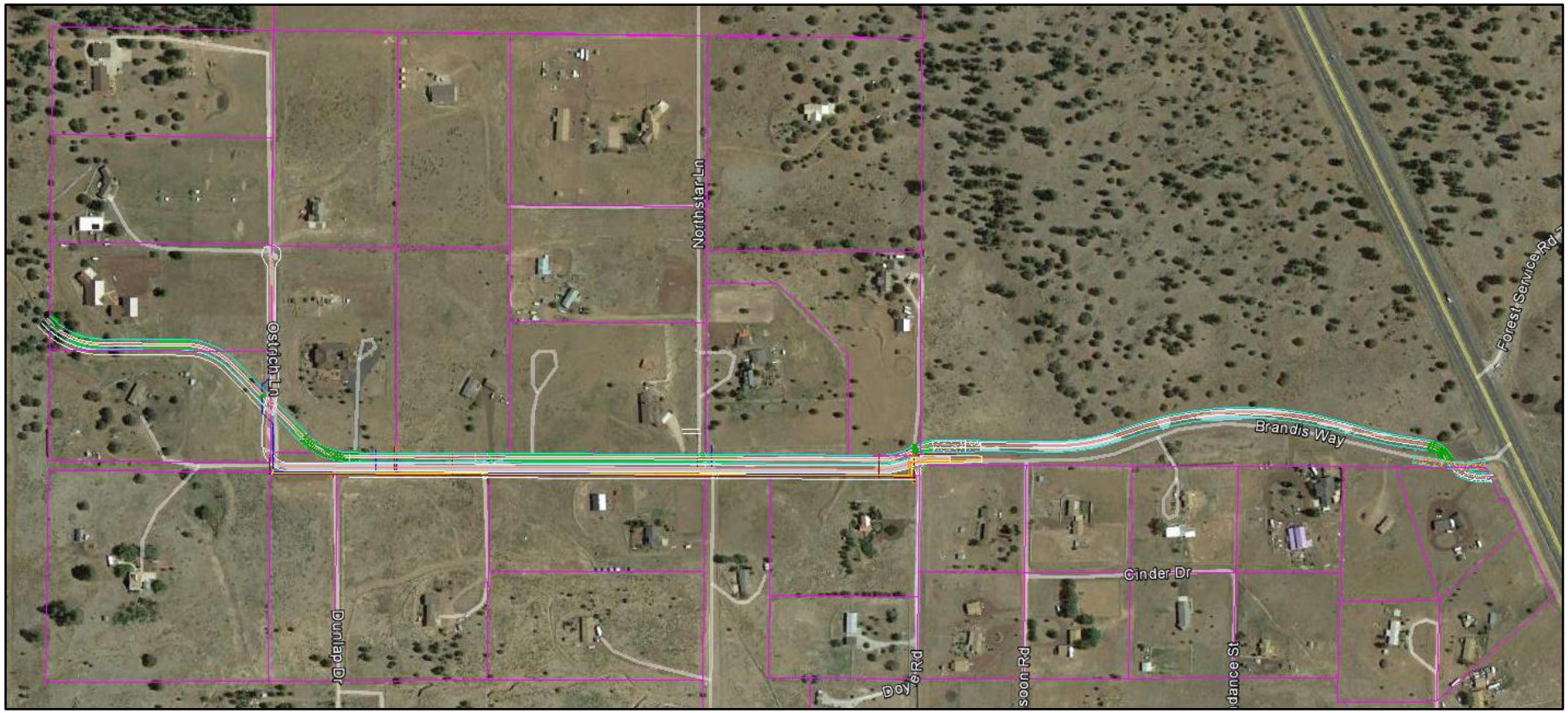
Brandis–Thames Design Considerations

- 5-Year, 24 Hour Design Storm, 2012 Watershed Conditions
- Design Flow: 400 Cubic Feet per Second
- Design Velocity: +/- 14 Feet per Second (Max)
- Five Project Components (On-Forest, Forest to Ostrich/Brandis, Ostrich/Brandis to Doyle, Doyle to Highway 89, Interface with Highway 89)

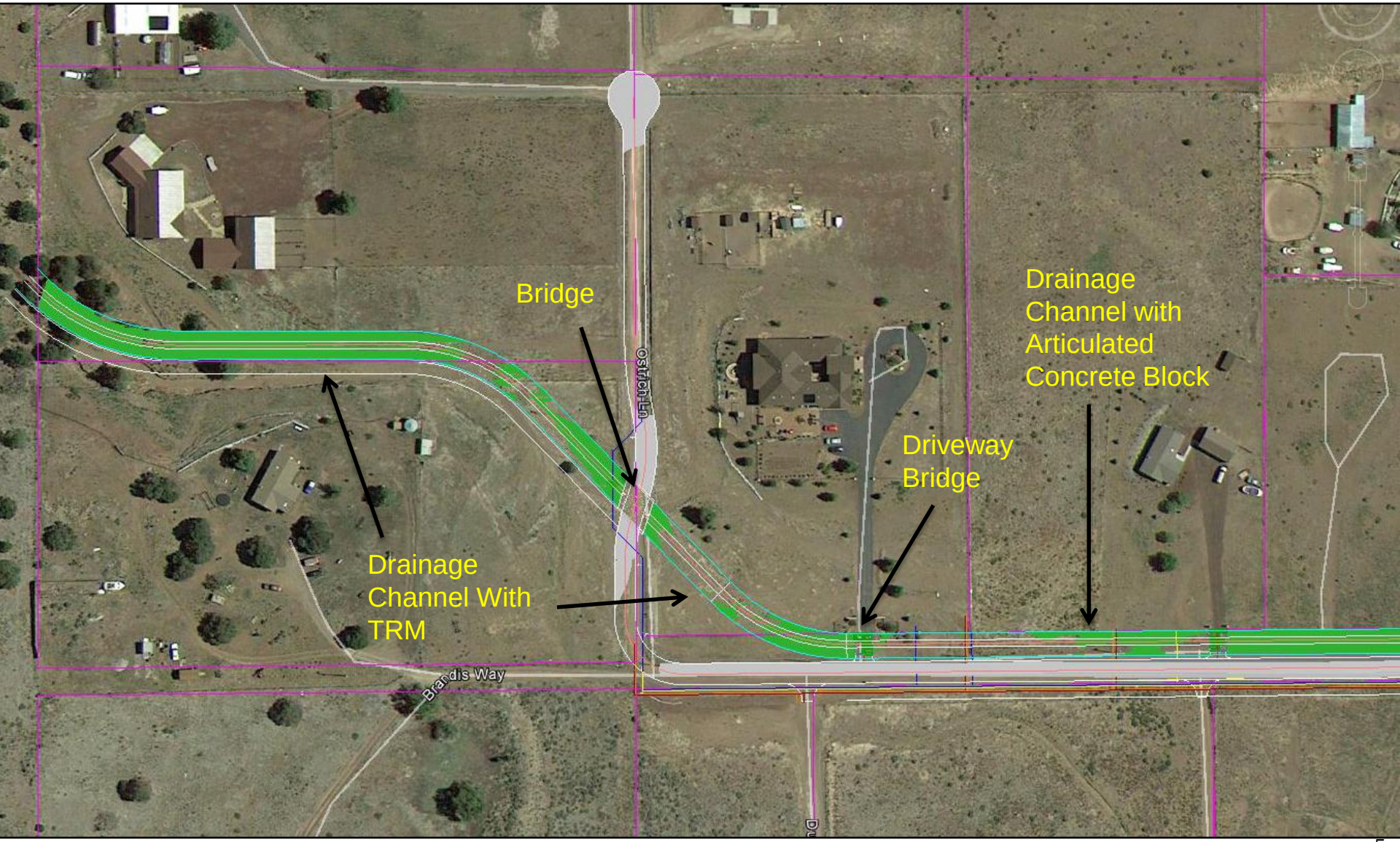
Brandis–Thames Corridor On-Forest Sediment Reduction



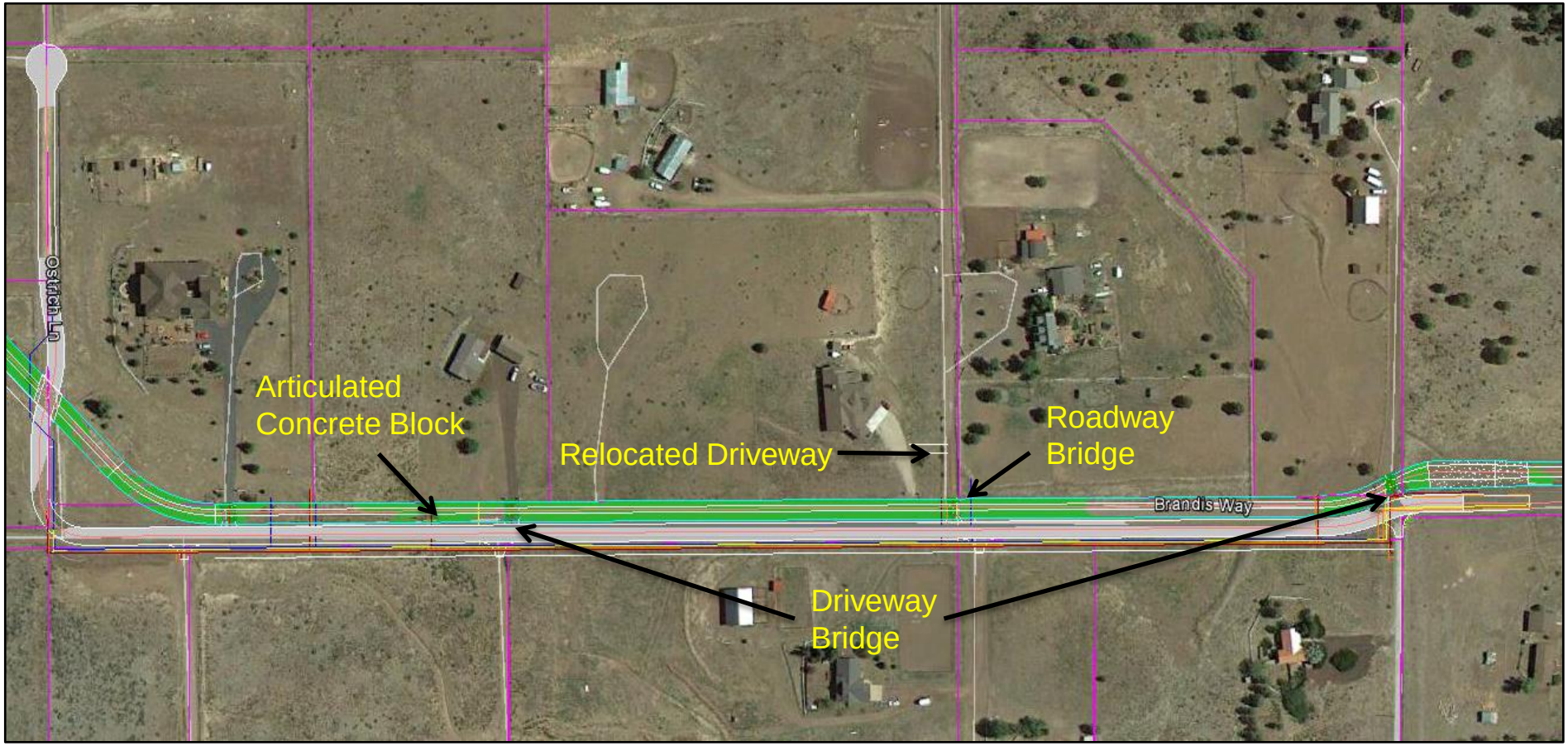
Forest Boundary to US 89



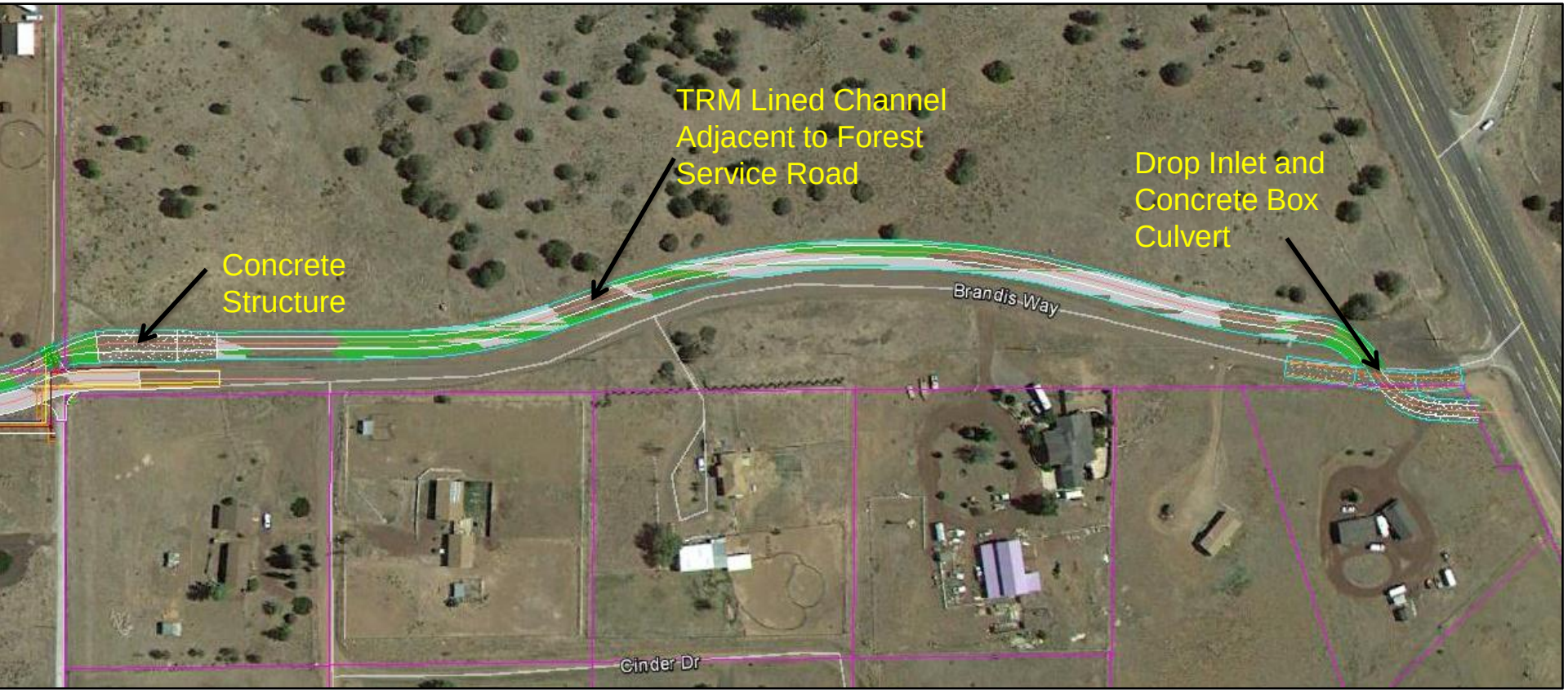
Forest Boundary to Ostrich/Brandis



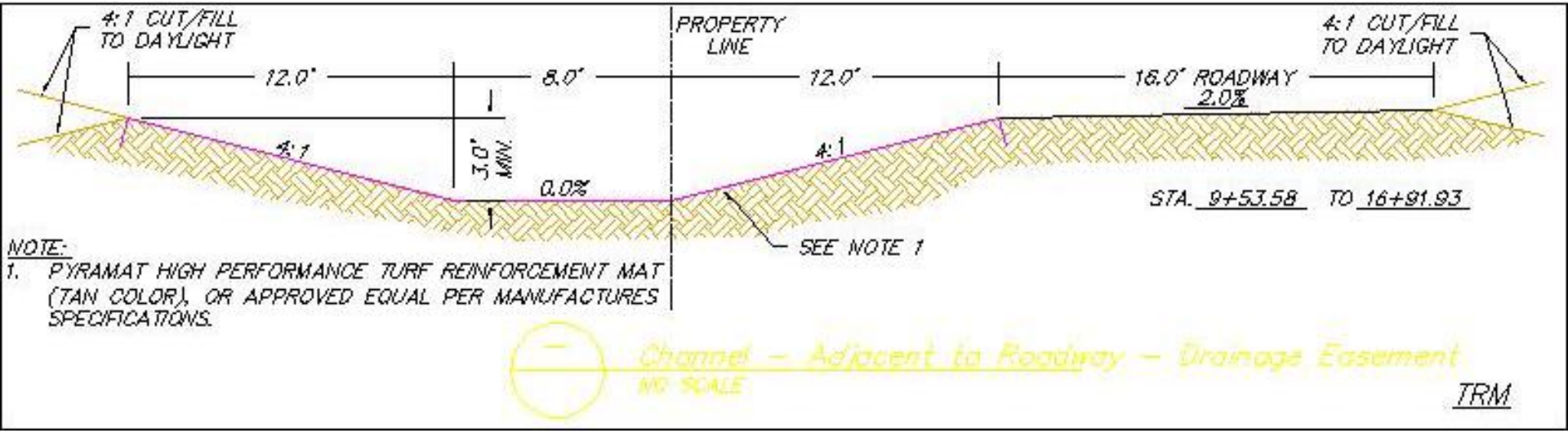
Ostrich/Brandis to Doyle

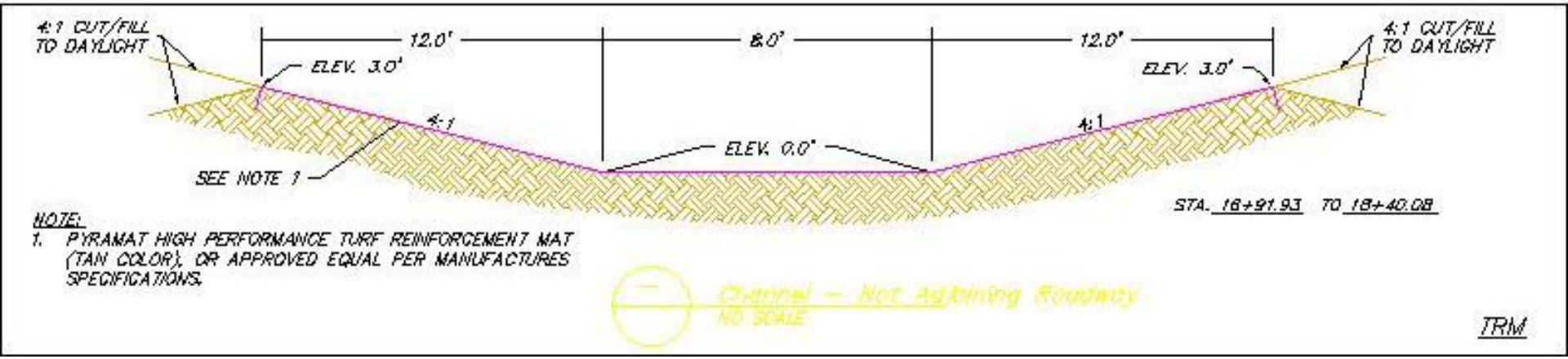


Doyle to US 89



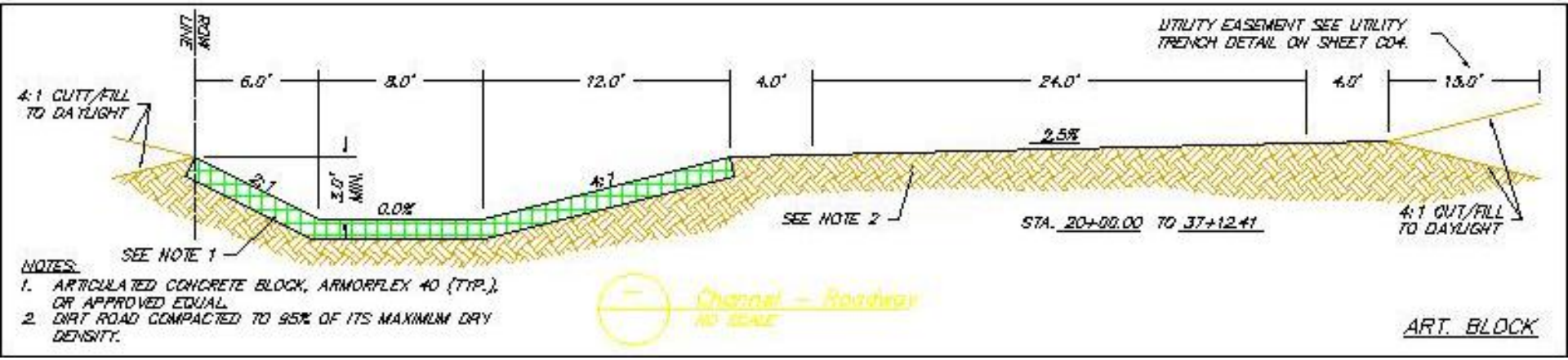
Forest Boundary to Highway 89 – Preliminary
Typical Channel Cross Sections – Turf Reinforcing Mat

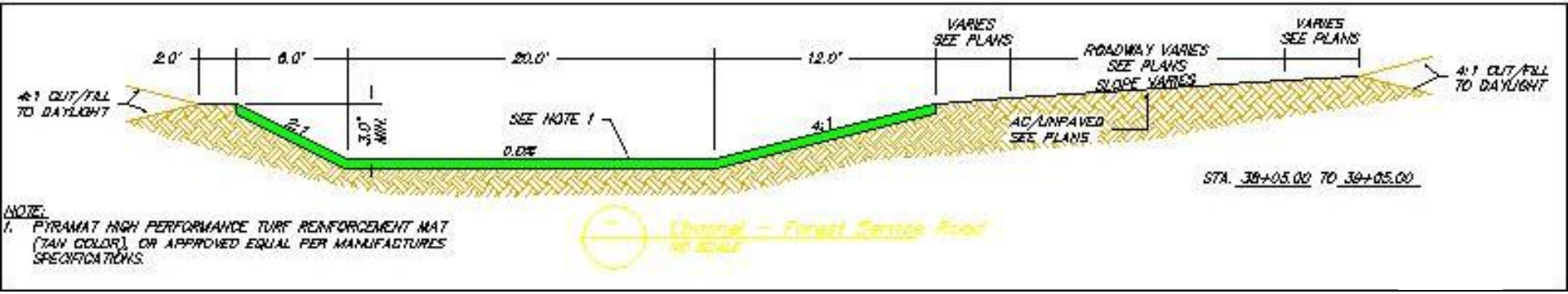




Forest Boundary to Highway 89 – Preliminary

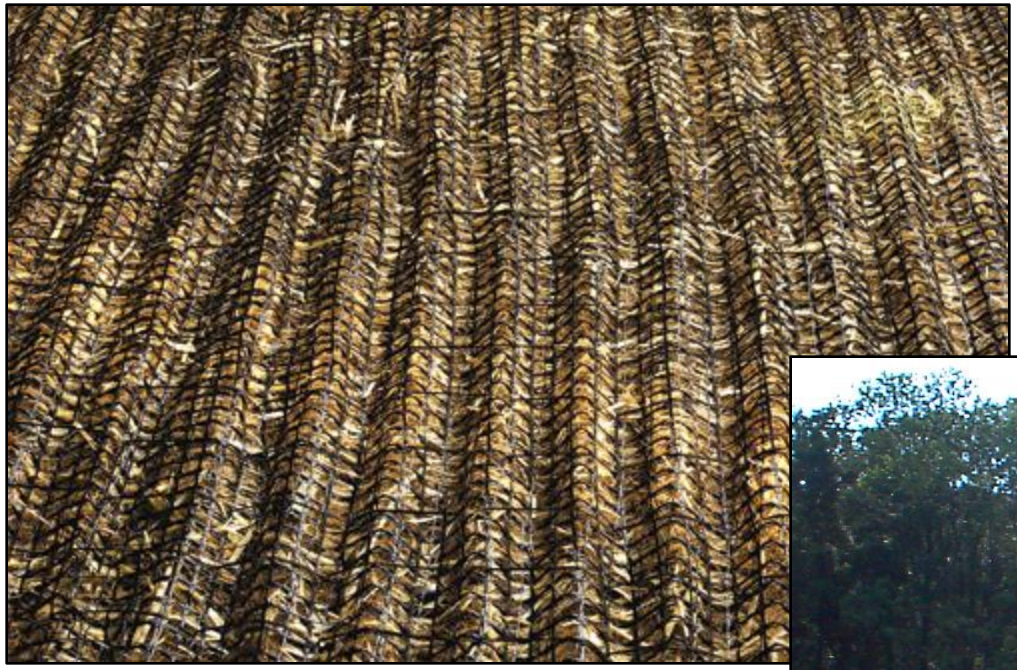
Typical Channel Cross Sections – Articulated Block/Concrete





Articulated Block Revegetation

Turf Reinforcing Mat Revegetation



Adverse Impact Analysis Results to Date

- 5 Year and 10 Year Storms – No Adverse Impacts Beyond Small Impact on Hwy. 89 Downstream of Brandis
- Analysis of 100% Plans Next Step